



Policy Cloud
Cloud for Data-Driven Policy Management

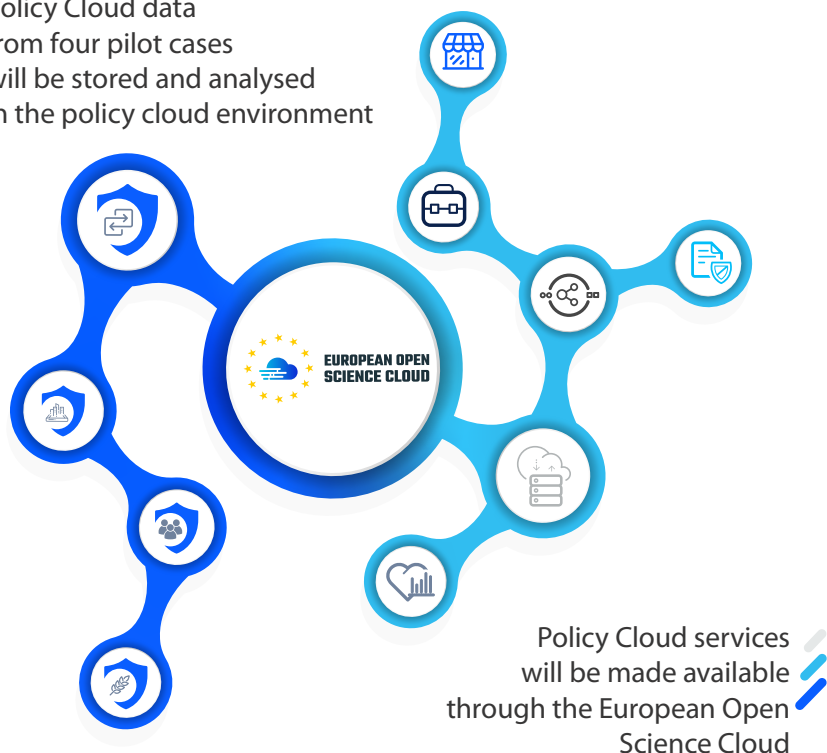
FACT SHEET FOR POLICY MAKERS

THE PROJECT

Over a three-year period to December 2022, the Policy Cloud project will improve policy making for public administrations across Europe by harnessing the potential of digitisation, big data and cloud technologies to support transparent, democratic, and evidence-based decision making around the creation and implementation of social and economic policy.

Specifically, the project will deliver a unique, integrated environment of curated datasets and data management, manipulation, and analysis tools which will be applied to the full lifecycle of policy management in four thematically distinct pilot use cases. These datasets and tools will eventually become accessible to the public from the European Open Science Cloud (EOSC).

Policy Cloud data from four pilot cases will be stored and analysed in the policy cloud environment



DATASETS AND TOOLS

The datasets and tools developed during the Policy Cloud project will be offered to public administrations and businesses as a suite of six services enabling the creation of data-driven policies using data

management and manipulation technologies which turn raw data into valuable and actionable knowledge to be exploited in conformance with legal, security and ethical norms.



Policy Development Toolkit

Automated tools enabling data manipulation, modelling, and visualisation



Data Marketplace

Repository of exploitable data and knowledge for policy making scenarios



Policies Management Framework

Decision tool enabling the integration of data collection, modelling and simulation technologies



Cloud Capabilities & Data Collection

Adaptable cloud gateways and APIs to obtain data from heterogeneous sources



Reusable Models & Analytical Tools

Technologies enabling opinion mining, and sentiment, social dynamics, and behavioral data analysis



Ethics Framework

Documented approach ensuring the provision of privacy and security for sensitive data

PILOT USE CASES

The datasets and tools developed during the Policy Cloud project will be tested, refined, and showcased first in four thematically distinct pilot use cases situated in different part of Europe.



ITALY Policies against radicalisation

Collecting and analysing social media data to enable policy makers to address radicalisation effectively.



SPAIN Intelligent policies for the food value chain

Implementing environmental policies to boost the growth and development of the agri-food industry.



UK Open data policies for citizens

Predicting unemployment and associated risks to guide social services policy planning.



BULGARIA Urban policymaking through analysis of crowdsourced data

Facilitating urban policy making and monitoring through the analysis of crowdsourced data.

HOW DOES DATA DRIVEN POLICY BENEFIT CITIZENS?

Opportunities to participate in policy creation through the iterative design and implementation methodology adopted



Continuous improvement in policies through an iterative design approach which leverages newly available data on an ongoing basis and optimises policies simultaneously across multiple sectors

Increasingly relevant and useful policies designed around homogeneous segments rather than entire populations



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